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Application Number	10/077.915
Filing Date	02/19/2002
First Named Inventor	Patrick R. Connelly
Art Unit	3762
Examiner Name	
Attorney Docket Number	BTI-5

(use as many sheets as necessary)

Sheet 1 of 2

Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
56	1	US- 3.669.095	06/13/1972	Kobayashi et al.	
	2	US- 3.718.142	02/27/1973	Mulier	
	3	US- 3.825.015	07/23/1974	Berkovits	
	4	US- 4.071.032	01/31/1978	Schulman	
	5	US- 4.325.382	04/20/1982	Miodownik	
	6	US- 4.686.964	08/18/1987	Yukoni et al.	
	7	US- 4.719.159	01/12/1988	Clark et al.	
	8	US- 5.240.004	08/31/1993	Walinsky et al.	
	9	US- 5.267.564	12/07/1993	Barcel et al.	
	10	US- 5.354.220	10/11/1994	Ganguly et al.	
	11	US- 5.438.987	08/08/1995	Thacker et al.	
	12	US- 5.454.837	10/03/1995	Lindgren et al.	
	13	US- 5.523.534	06/04/1996	Meister et al.	
	14	US- 5.569.158	10/29/1996	Suzuki et al.	
	15	US- 5.603.697	02/18/1997	Grundy et al.	
	16	US- 5.683.435	11/04/1997	Truex et al.	
	17	US- 5.697.958	12/16/1997	Paul et al.	
	18	US- 5.709.225	01/20/1998	Budgifvars et al.	
	19	US- 5.749.910	05/12/1998	Brumwell et al.	
✓	20	US- 5.752.977	05/19/1998	Greyious et al.	

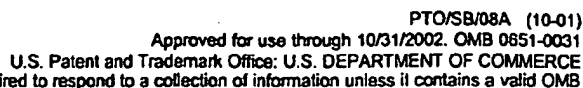
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
SE	21	US-5,766,227	06/16/1998	Nappholz et al.	
	22	US-5,817,130	10/06/1998	Cox et al.	
	23	US-5,868,664	02/09/1999	Speier et al.	
	24	US-5,895,980	04/20/1999	Thompson	
	25	US-5,916,182	06/29/1999	Snelten et al.	
	26	US-5,985,129	11/16/1999	Gough et al.	
	27	US-6,036,639	03/14/2000	Allred, III et al.	
	28	US-6,056,415	05/02/2000	Allred, III et al.	
	29	US-6,076,003	06/13/2000	Rogel	
	30	US-6,134,478	10/17/2000	Spehr	
	31	US-6,173,203 B1	01/09/2001	Barkley et al.	
	32	US-6,198,972 B1	03/06/2001	Hartlaub et al.	
	33	US-6,198,968 B1	03/06/2001	Prutchi et al.	
	34	US-6,216,041 B1	04/10/2001	Tierney et al.	
	35	US-6,230,060 B1	05/08/2001	Mawhinney	
	V	36	US-6,240,317 B1	05/29/2001	Villaseca et al.
		US-			
		US-			
		US-			

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1 Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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			Application Number	10/077.915	
			Filing Date	02/19/2002	
			First Named Inventor	Patrick R. Connelly	
			Group Art Unit	3762	
			Examiner Name		
			Attorney Docket Number	BTI-5	
Sheet	3	of	3		

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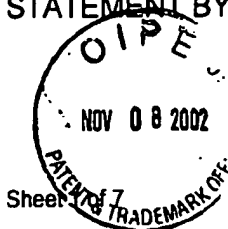
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT



Application Number 10/077,915
Filing Date February 19, 2002
First Named Inventor Jeffrey Helfer
Art Unit 3762
Examiner Name
Attorney Docket Number BTI-5

US PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Documents
56	1	3057356	10-09-1962	W. Greatbatch
	2	3478746	11-18-1969	Greatbatch
	3	3508167	04-21-1970	R.B. Russell, Jr.
	4	3686958	08-29-1972	Porter et al.
	5	3789667	02-05-1974	Porter et al.
	6	4012641	03-15-1977	Brickerd, Jr. et al.
	7	4041954	08-16-1977	Ohara
	8	4050004	09-20-1977	Greatbatch
	9	4091818	05-30-1978	Brownlee et al.
	10	4200110	04-29-1980	Peterson et al.
	11	4210029	07-01-1980	Porter
	12	4254776	03-10-1981	Tanie et al.
	13	4333053	06-01-1982	Harrison et al.
	14	4341221	09-27-1982	Testerman
	15	4379262	04-05-1983	Young
	16	4432363	02-21-1984	Kakegawa
	17	4450408	05-22-1984	Tiemann
	18	4476870	10-16-1984	Peterson et al.
	19	4491768	01-01-1985	Slicker
	20	4545381	10-08-1985	Boumay, Jr. et al.
	21	4611127	09-09-1986	Ibrahim et al.
	22	4677471	06-30-1987	Takamura et al.
	23	4691164	09-01-1987	Haragashira
	24	4727874	03-01-1988	Bowers et al.
	25	4763075	08-09-1988	Weigert
	26	4784461	11-15-1988	Abe et al.
	27	4798443	01-17-1989	Knipe et al.
	28	4800883	07-31-1989	Winstrom
	29	4804244	02-14-1989	Hasegawa et al.
	30	4827906	05-09-1989	Robicsek et al.
	31	4827934	05-09-1989	Ekwall
	32	4858610	08-22-1989	Callaghan et al.
	33	4879992	11-14-1989	Nishigaki et al.
	34	4880004	11-14-1989	Baker, Jr. et al.
	35	4903701	02-27-1990	Moore et al.
	36	4911525	03-27-1990	Hicks et al.
	37	4930521	06-05-1990	Metzger et al.

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Sheet 2 of 2

Application Number 10/077,915
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First Named Inventor Jeffrey Helfer
Art Unit 3762
Examiner Name
Attorney Docket Number BTI-5

US PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Documents
66	38	4934785	06-19-1990	Mathis et al.
	39	4987897	01-29-1991	Funke
	40	4991590	02-12-1991	Shi
	41	5010888	04-30-1991	Jadvar et al.
	42	5055810	10-08-1991	deLaChapelle et al.
	43	5058586	10-22-1991	Heinze
	44	5061680	10-29-1991	Paulson et al.
	45	5089697	02-18-1992	Prohaska
	46	5113859	05-19-1992	Funke
	47	5131409	07-21-1992	Lobarev et al.
	48	5154387	10-13-1992	Trailer
	49	5158932	10-27-1992	Hinshaw et al.
	50	5168871	12-08-1992	Grevious
	51	5178149	01-12-1993	Imburgla et al.
	52	5214730	05-25-1993	Nagasawa et al.
	53	5217009	06-08-1993	Kronberg
	54	5217010	06-08-1993	Tsitlik et al.
	55	5226210	07-13-1993	Koskenmaki et al.
	56	5243979	09-14-1993	Stein et al.
	57	5265602	11-30-1993	Anderson et al.
	58	5324310	06-28-1994	Greeninger et al.
	59	5330512	07-19-1994	Hauck et al.
	60	5348010	09-20-1994	Schnall et al.
	61	5370668	12-06-1994	Shelton
	62	5387229	02-07-1995	Poore
	63	5387232	02-07-1995	Trailer
	64	5402070	03-28-1995	Shelton et al.
	65	5410413	04-25-1995	Sela
	66	5415653	05-16-1995	Wardle et al.
	67	5425373	06-20-1995	Causey, III
	68	5435308	07-25-1995	Gallup et al.
	69	5435316	07-25-1995	Kruse
	70	5445151	08-29-1995	Darrow et al.
	71	5453838	09-26-1995	Danielian et al.
	72	5456698	10-10-1995	Byland et al.
	73	5464014	11-07-1995	Sugahara
	74	5476095	12-19-1995	Schnall et al.
✓	75	5520190	05-28-1996	Benedict et al.

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Sheet 3 of 7

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First Named Inventor Jeffrey Helfer
Art Unit 3762
Examiner Name
Attorney Docket Number BTI-5

US PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Documents
SG	76	5570671	11-05-1996	Hickey
	77	5574811	11-12-1996	Bricheno et al.
	78	5575772	11-19-1996	Lennox
	79	5582170	12-10-1996	Soller
	80	5590227	12-31-1996	Osaka et al.
	81	5601611	02-11-1997	Fayram et al.
	82	5604433	02-18-1997	Theus et al.
	83	5611016	03-11-1997	Fangmann et al.
	84	5619605	04-08-1997	Ueda et al.
	85	5626618	05-06-1997	Ward et al.
	86	5626619	05-06-1997	Jacobson et al.
	87	5631988	05-20-1997	Swirhun et al.
	88	5634720	06-03-1997	Gallup et al.
	89	5649965	07-22-1997	Pons et al.
	90	5653735	08-05-1997	Chen et al.
	91	5654317	08-05-1997	Fujioka et al.
	92	5658966	08-19-1997	Tsukamoto et al.
	93	5679026	10-21-1997	Fain et al.
	94	5699801	12-23-1997	Atalar et al.
	95	5716386	02-10-1998	Ward et al.
	96	5723856	03-03-1998	Yao et al.
	97	5733247	03-31-1998	Fallon
	98	5738105	04-14-1998	Kroll
	99	5755739	05-26-1998	Sun et al.
	100	5755742	05-26-1998	Schuelke et al.
	101	5759197	06-02-1998	Sawchuk et al.
	102	5761354	06-02-1998	Kuwano et al.
	103	5772604	06-30-1998	Langberg et al.
	104	5774501	06-30-1998	Halpern et al.
	105	5776167	07-07-1998	Levine et al.
	106	5776168	07-07-1998	Gunderson
	107	5782241	07-21-1998	Felbinger et al.
	108	5782880	07-21-1998	Lahtinen et al.
	109	5808730	09-15-1998	Danielian et al.
	110	5814087	09-29-1998	Renirie
	111	5814089	09-29-1998	Stokes et al.
	112	5814090	09-29-1998	Latterell et al.
	113	5814091	09-29-1998	Dahlberg et al.

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Sheet 4 of 7

Application Number 10/077,915
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First Named Inventor Jeffrey Helfer
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US PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Documents
SG	114	5817133	10-06-1998	Houben
	115	5817136	10-06-1998	Nappholz et al.
	116	5818990	10-06-1998	Steijer et al.
	117	5827195	10-27-1998	Lander
	118	5827997	10-27-1998	Chung et al.
	119	5830209	11-03-1998	Savage et al.
	120	5836895	11-17-1998	Ramsey, III
	121	5861012	01-19-1990	Stroebe
	122	5865839	02-02-1999	Doorish
	123	5867361	02-02-1999	Wolf et al.
	124	5869412	02-09-1999	Yenni, Jr. et al.
	125	5870272	02-09-1999	Seifried et al.
	126	5871509	02-16-1999	Noren
	127	5871512	02-16-1999	Hemming et al.
	128	5873898	02-23-1999	Hemming et al.
	129	5882108	03-16-1999	Fraizer
	130	5882305	03-16-1999	Dumoulin et al.
	131	5891171	04-06-1999	Wickham
	132	5897577	04-27-1999	Cinbis et al.
	133	5899927	05-04-1999	Ecker et al.
	134	5902326	05-11-1999	Lessar et al.
	135	5916237	06-29-1999	Schu
	136	5917625	06-29-1999	Ogusu et al.
	137	5919135	07-06-1999	Lemelson
	138	5928145	07-27-1999	Ocali et al.
	139	5928270	07-27-1999	Ramsey, III
	140	5928570	07-27-1999	Reo
	141	5940554	08-17-1999	Chang et al.
	142	5946086	08-31-1999	Bruce
	143	5951596	09-14-1999	Bellinger
	144	5954660	09-21-1999	Legay et al.
	145	5957857	09-28-1999	Hartley
	146	5963034	10-05-1999	Mahapatra et al.
	147	5963690	10-05-1999	Cheng
	148	5967977	10-19-1999	Mullis et al.
	149	5968083	10-19-1999	Ciccarelli et al.
	150	5973779	10-26-1999	Ansari et al.
	151	5973906	10-26-1999	Stevenson et al.

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Sheet 5 of 7

US PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Documents
SC	152	5978710	11-02-1999	Prutchi et al.
	153	5982961	11-09-1999	Pan et al.
	154	5987995	11-23-1999	Sawatari et al.
	155	5999853	12-07-1999	Stoop et al.
	156	5999857	12-07-1999	Weijand et al.
	157	6005191	12-21-1999	Tzeng et al.
	158	6011994	01-04-2000	Kronberg
	159	6013376	01-11-2000	Yenni, Jr.
	160	6016448	01-18-2000	Busacker et al.
	161	6016477	01-18-2000	Ehnebuske et al.
	162	6023641	02-28-2000	Thompson
	163	6024738	02-15-2000	Daikuzono et al.
	164	6026316	02-15-2000	Kucharczyk
	165	6029086	02-22-2000	Kim et al.
	166	6029087	02-22-2000	Wohlgemuth
	167	6031710	02-29-2000	Wolf et al.
	168	6036654	03-14-2000	Quinn et al.
	169	6044301	03-28-2000	Hartlaub et al.
	170	6052613	04-18-2000	Takaki
	171	6052614	04-18-2000	Morris, Sr. et al.
	172	6052623	04-18-2000	Fenner et al.
	173	6055455	04-25-2000	O'Phelan et al.
	174	6056721	05-02-2000	Shulze
	175	6064906	05-16-2000	Langberg et al.
	176	6066096	05-23-2000	Smith et al.
	177	6067472	05-23-2000	Vonk et al.
	178	6080829	06-27-2000	Tapsak et al.
	179	6090473	07-18-2000	Yoshikawa et al.
	180	6090728	07-18-2000	Yenni, Jr. et al.
	181	6091015	07-18-2000	delValle et al.
	182	6091744	07-18-2000	Sorin et al.
	183	6091987	07-18-2000	Thompson
	184	6101973	08-15-2000	Stewart et al.
	185	6118910	09-12-2000	Chang
	186	6119031	09-12-2000	Crowley
	187	6129745	10-10-2000	Sun et al.
	188	6134003	10-17-2000	Teamey et al.
	189	6142678	11-07-2000	Cheng

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Sheet 6 of 7

US PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Documents
SG	190	6144205	11-07-2000	Souza et al.
	191	6144866	11-07-2000	Miesel et al.
	192	6144881	11-07-2000	Hemming et al.
	193	6146415	11-14-2000	Fitz
	194	6148222	11-14-2000	Ramsey, III
	195	6148229	11-14-2000	Morris, Sr. et al.
	196	6149313	11-21-2000	Giebel et al.
	197	6163724	12-19-2000	Hemming et al.
	198	6166806	12-26-2000	Tjin
	199	6169921	01-02-2001	Ken Knight et al.
	200	6171240	01-09-2001	Young et al.
	201	6179482	01-30-2001	Takizawa et al.
	202	6188926	02-13-2001	Vock
	203	6192261	02-20-2001	Gratton et al.
	204	6208899	03-27-2001	Kroll
	205	6223083	04-24-2001	Rosar
	206	6226545	05-01-2001	Gilderdale
	207	6236879	05-22-2001	Konings
	208	6238686	05-29-2001	Burrell et al.
	209	6245020	06-12-2001	Moore et al.
	210	6246910	06-12-2001	Bonnet et al.
	211	6247474	06-19-2001	Greeninger et al.
	212	6254632	07-03-2001	Wu et al.
	213	6256537	07-03-2001	Stoop et al.
	214	6256541	07-03-2001	Heli et al.
	215	6258087	07-10-2001	Edwards et al.
	216	6259843	07-10-2001	Kondo
	217	6259954	07-10-2001	Conger et al.
	218	6263229	07-17-2001	Atalar et al.
	219	6263242	07-17-2001	Mika et al.
	220	6266555	07-24-2001	Wemer et al.
	221	6266563	07-24-2001	Ken Knight et al.
	222	6266564	07-24-2001	Hill et al.
	223	6266566	07-24-2001	Nichols et al.
	224	6270457	08-07-2001	Bardy
	225	6270831	08-07-2001	Kumar et al.
	226	6272377	08-07-2001	Sweeney et al.
	227	6272380	08-07-2001	Warman et al.

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Sheet 7 of 7

Application Number 10/077,915
Filing Date February 19, 2002
First Named Inventor Jeffrey Helfer
Art Unit 3762
Examiner Name
Attorney Docket Number BTI-5

US PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Documents
SG	228	6274265	08-14-2001	Kraska et al.
	229	6275730	08-14-2001	Ken Knight et al.
	230	6275732	08-14-2001	Hsu et al.
	231	6275734	08-14-2001	McClure et al.
	232	6277078	08-21-2001	Porat et al.
	233	6277107	08-21-2001	Lurie et al.
	234	6278057	08-21-2001	Avellanet
	235	6278277	08-21-2001	Zeiger
	236	6278894	08-21-2001	Salo et al.
	237	6278897	08-21-2001	Rutten et al.
	238	6296654	10-02-2001	Ward
	239	6317633	11-13-2001	Jorgenson et al.
	240	6367984	04-09-2002	Stephenson et al.
Foreign Patent Documents				
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document
SG	241	WO0174241	10-11-2001	Surgi-Vision

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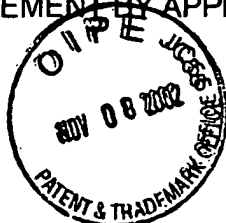
SG

Date
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7/5/04

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Sheet 1 of 3 of Other Prior Art

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Examiner Name
Docket BTI-5

RECEIVED
NOV 12 2002

TECHNOLOGY CENTER R3700

Examiner Initials	Cite	Other Prior Art Non Patent Literature Documents
56	242	C. ROOS, ET AL., "Fiber Optic Pressure Transducer for Use Near MR Magnetic Fields," RSNA 1985; one page
	243	K. WICKERSHEIM ET AL., "Fiberoptic Thermometry and its Applications," J. Microwave Power (1987); pages 85-94
	244	MARK B. M. HOFMAN; "MRI-Compatible Cardiac Pacing Catheter," JMRI; May/June 1997; Page 612
	245	A.A. DAMJI ET AL., "RF Interference Suppression in a Cardiac Synchronization System Operating in High Magnetic Field NMR Imaging System," Magnetic Resonance Imaging, Vol. 6, pp 637-640, (1988)
	246	FRANK G. SHELLOCK ET AL., "Burns Associated with the use of Monitoring Equipment during MR Procedures," JMRI, Jan./Feb. 1996; pages 271-272
	247	J. NYENHUIS ET AL., "Heating Near Implanted Medical Devices by the MRI RF-Magnetic Field," IEEE Trans. Mag.; Sept. 1999; four pages
	248	FRANK SHELLOCK ET AL., "Cardiovascular Catheters and Accessories: Ex Vivo Testing of Ferromagnetism, Heating, and Artifacts Associated with MRI," JMRI, Nov./Dec. 1998, vol. 8 #6; pages 1338-1342
	249	J. ROD GIMBEL ET AL., "Safe Performance of Magnetic Resonance," PACE; vol. 19; June 1996; pages 913-919
	250	NATIONAL LIBRARY OF MEDICINE; "Rapid Ventricular Pacing in a Pacemaker Patient Undergoing Magnetic Resonance Imaging," Pub Med; Pacing Clin Electrophysiol; June 1998; Page 1
	251	NATIONAL LIBRARY OF MEDICINE; "Effects of Magnetic Resonance Imaging on Cardiac Pacemakers and Electrodes," Pub Med; Am Heart J; (1997); pages 1-2
	252	M. KUSUMOTO ET AL., "Cardiac Pacing for the Clinician," Lippincott Williams & Wilkins; (2001); Chapter 1, pages 9, 12, 13, 18, 22, 24
	253	DONALD FINK; "ELECTRONIC ENGINEERING," Electronic Engineers Handbook; 2nd edition, McGraw Hill; (1982); Section 14; pages 29-45
	254	X LUO ET AL., "Electromagnetic Interference Shielding Using Continuous Carbon-Fiber Carbon-Matrix and Polymer-Matrix Composites," Composites Part B: Engineering; (1999); pages 227-231
	255	D.D.L. CHUNG, "Flexible Graphite for Gasketing, Absorption, Electromagnetic Interference Shielding, Vibration Damping, Electrochemical Applications, and Stress Sensing," Journal of Materials Engineering and Performance; April 2000; Vol. 9 p 161-163
	256	M. KONINGS ET AL., "Catheters and Guidewires in Interventional MRI; Problems and Solutions," Medical Mundi; 45/1; March (2001)
	257	M. KONINGS; "Development of an MR-Safe Tracking Catheter with a Laser Driven Tip Coil," Journal of Magnetic Resonance Imaging 2001;13:131-135. c. 2001 Wiley-Liss, Inc.
✓	258	EY YONG ET AL., "An Optical System for Wireless Detuning of Parallel Resonant Circuits" Journal of Magnetic Resonance Imaging; (2000); Vol. 12, pages 632-638

Examiner
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56

Date Considered

7/8/04

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* Cite Numbers continued from Patent Documents Cited

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Docket BTI-5

RECEIVED

NOV 12 2002

TECHNOLOGY CENTER R3700

Sheet 2 of 3 of Other Prior Art

Examiner Initials	Cite	Other Prior Art Non Patent Literature Documents
56	259	BERND NOWAK; "Taking Advantage of Sophisticated Pacemaker Diagnostics," Excerpta Medica; (1999); pages 172D-179D
	260	JOSE A. JOGLER ET AL., "Interaction of a Commercial Heart Rate Monitor With Implanted Pacemakers," Excerpta Medica; (1999); pages 790-792
	261	J.A. POMPOSO ET AL., "Polypyrrole-based Conducting Hot Melt Adhesives for EMI Shielding Applications," Elsevier; Synthetic Metals 104; (1999); pages 107-111
	262	K. GRATTAN ET AL., "Fiber Optic Sensor Technology: An Overview," Elsevier; Sensors and Actuators 82; (2000); pages 40-61
	263	L. RIPPET ET AL., "Optical and Acoustic Damage Detection in Laminated CFRP Composite Materials," Elsevier; Composites Science and Technology 60; (2000); pages 2713-2724
	264	C. STRANDMAN ET AL., "A Production Process of Silicon Sensor Elements for a Fibre-Optic Pressure Sensor," Elsevier; Sensors and Actuators A63; (1997); pages 69-74
	265	D. HOWARD ET AL., "A Single-Fringe Etalon Silicon Pressure Transducer," Elsevier; Sensors and Actuators 86; (2000); pages 21-25
	266	DAN HARONIAN, "Displacement Sensing Using Geometrical Modulation in Reflection Mode (GM-RM) of Coupled Optical Waveguides," J. Micromech, Microeng., (UK), (1998); pages 323-326
	267	H GHAFOURI-SHIRAZ, "A Novel Distributed Feedback Laser Diode Structure for an Optical Wavelength Tunable Filter," Semicond. Sci. Technol. 12; (UK), (1997); pages 1161-1165
	268	L. KASARIAN, "A New Optical Fiber Multiplexer for Distortion-Free Light Transfer in Multichannel Fiber Optic Sensor Systems," Elsevier; Sensors and Actuators 84; (2000); pages 250-258
	269	X. YAN ET AL., "Electric Field Controlled 2x2 Bypass Exchange Photorefractive Switch," IOP Publishing; (UK) (1998), pages 383-386
	270	E. PIENER ET AL., "A Micromachined Vibration Sensor Based on the Control of Power Transmitted Between Optical Fibres," Elsevier; Sensors and Actuators A65; (1998) pages 23-29
	271	ENGIN MOLVA; "Microchip Lasers and Their Applications In Optical Microsystems," Elsevier; Optical Materials 11; (1999); pages 289-299
	272	D. SUN ET AL., "High Performance Unidirectional Electrooptic Modulator Based On Polymeric Highly Multi-Mode Waveguides," Elsevier; Optics & Laser Technology 30; (1998); 481-489
	273	ENGIN MOLVA; "Microchip Lasers and Their Applications In Optical Microsystems," Elsevier; Optical Materials 11; (1999); pages 289-299
	274	J. LINARES ET AL., "Theory and Design of an Integrated Optical Sensor Based on Planar Waveguiding Lenses," Elsevier; Optics Communications 180; (2000); pages 29-36
↓	275	O. PARRIAUX ET AL., "Coupling Gratings as Waveguide Functional Elements," IOP Publishing; Pure Appl. Opt. 5; (1996); pages 453-469

Examiner
Signature

5.6.

Date Considered

7/8/04

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Docket BTI-5

Sheet 3 of 3 of Other Prior Art

Examiner Initials	Cite	Other Prior Art Non Patent Literature Documents
SG	276	E T ENIKOV ET AL., "Three-Dimensional Microfabrication for a Multi- Degree of Freedom Capacitive Force Sensor Using Fibre-Chip Coupling" IOP Publishing; (UK); J. Micromech. Microeng. 10;(2000) pages 492-497
	277	J. HOLM ET AL., "Through-Etched Silicon Carriers for Passive Alignment of Optical Fibers to Surface-Active Optoelectronic Components" Elsevier;Sensors and Actuators 82; (2000) pages 245-248
	278	M. KIMURA ET AL., "Vibration Sensor Using Optical-Fiber Catilever with Bulb-Lens" Elsevier; Sensors and Actuators A66; (2000) pages 178-183
	279	Y. MAO ET AL., "Three-Stage Wavelength Converter Based on Cross-Grain Modulation in Semiconductor Optical Amplifiers"Elsevier; Optics Communications 167; (1999) pages 57-66
	280	X. HU ET AL., "Dynamically Induced Irreversibility: Light Amplification and Quantum Noise Reduction in a V-Type Three-Level System" IOP Publishing; J. Opt. B: Quantum Semiclass. Opt. 2; (UK) (2000); pages 570-575
	281	Y. YIM ET AL., "Lithium Niobate Integrated-Optic Voltage Sensorwith Variable Sensing Ranges" Elsevier; Optics Communications 152; July 1, 1998; pages 225-228
	282	C. LEE ET AL., "Electromagnetic Interference Shilding Efficiency of Polyaniline Mixtures and Multilayer Films" Elsevier; Synthetic Metals 102; (1999) pages 1346-1349
	283	MARC DESMULLIEZ, "Optoelectronics-VLSI System Integration Technological Challenges" Elsevier; Materials Science and Engineering B74;(2000) pages 269;275
	284	J. ZOOK ET AL., "Fiber-optic Vibration Sensor Baed on Frequency Modulation of Light-Excited Oscillators" Elsevier; Sensors and Actuators 83; (2000); pages 270-276
	285	M. RETA-HERNANDEZ ET AL., "Attenuation of Low Frequency Magnetic Fields Using Active Shielding" Elsevier; Electric Power Systems Research 45; (1998); pages 57-63
	286	C. HUANG ET AL., "The EMI Shielding Effectiveness of PC/ABS/Nickel-Coated Carbon-Fibre Composites" Elsevier; European Polymer Journal 36; (2000) pages 2727-2737

Examiner
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SG

Date Considered

7/6/04

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